

PATENT ABSTRACTS OF JAPAN

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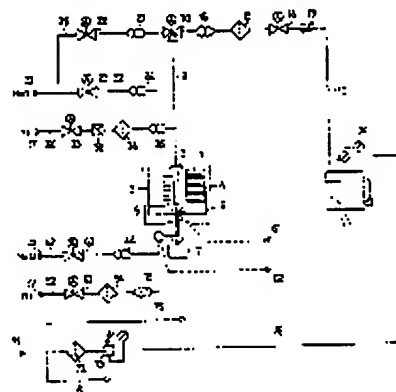
(21)Application number : 63-024385 (71)Applicant : SONY CORP
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(54) WAFER CARRIER CLEANING DEVICE

(57)Abstract:

PURPOSE: To enable the efficient wafer carrier cleaning process to be carried out by a method wherein wafer carriers are set on a turning means; an interface activator, pure water and drying gas are fed from a nozzle; and the first W the third actions are carried out so that the liquid and the gas to be fed and the turning rate may be respectively differentiated from one another.

CONSTITUTION: The subject device is provided with a nozzle 5 feeding at least a liquid interface activator, pure water and drying gas as well as a turning means 3 to turn wafer carriers 1 centered on the nozzle 5. Then, three kinds of actions are carried out, i.e., the first action feeding the interface activator and the drying gas and activating the turning means 3 at the first RPM to coat the wafer carriers 1 with the interface activator, the second action stopping the feeding of interface activator and activating the turning means 3 at specified RPM to feed the pure water as well as the third action stopping the feeding of pure water and turning the turning means 3 at the second RPM faster than the first RPM to feed to drying gas. For example, respective nozzles 5 of a carrier cleaning post 2 are fed with diluted interface activator, pure water and dry N₂.



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